

Washington, D. C. 20505

22 November 1982

MEMORANDUM FOR: Chairman, Intelligence Research and Development Council

SUBJECT: ICRD Review

REFERENCE: Review of Intelligence Community Research and Development Programs, 28 October 1982

1. Before commenting on the recommendations to acquire a [redacted] facility, the Director and I would like the Council to explore a little more exactly what would be involved. Our first blush reaction is prompted by fear that the cost may be too high for the Community to bear. Rather than fund a facility of this nature, possibly we could piggyback on existing commercial facilities to explore circuits which might be unique for intelligence programs.

2. We think the same can be said of computer aided design. In fact, both these issues should be looked at simultaneously. Again, I think we can obtain the specificity and security we need for the Community without the attended cost by deferring to contractor capabilities.

3. We believe that the low powered, high density storage technology, while of tremendous benefit to the Intelligence Community, should be pursued by other DoD and commercial programs as well, thus permitting the Intelligence Community to capitalize on developmental work elsewhere. It is our understanding that magnetic bubble devices, while holding great promise, seem to have been abandoned by industry for greater capacity devices.

4. At any rate, we would welcome the Committee developing a consolidated set of requirements unique to our needs and we could at that time consider levying the requirements on the DoD micro-electronics program.

5. Artificial intelligence does indeed hold great promise and can be of tremendous value to the Intelligence Community. We would like to hear more of specific recommendations to that end.

[redacted]  
John N. McMahon

[redacted]  
Ser. B, Cy#3

TOP SECRET